

In re VANDENBOSSCHE
09/583,583

IN THE CLAIMS

Please amend claims 1, 3 and 5 as follows.

1. Brush holder (2) for a vehicle alternator having a housing, said brush holder (2) comprising:

an insulating support (4) having an opening (22);

a heat dissipating means (14, 26) having a metallic seat fixed to the support (4);

and an electrical circuit comprising a semiconductor control component (12), in which the seat (14) on the one hand receives for fixing on one of its faces the control component (12) by means of an opening (22) in the support (4) and on the other hand belongs to the heat dissipation means (14, 26) in contact with an ambient environment and arranged so as to receive heat from the control component (12), wherein the seat is separate from the housing and not in contact with said housing, said seat is mounted within a thickness of the support (4) and the seat receives on the other of its faces a heat dissipator so that the heat dissipation means (14, 26) is composed of two distinct and adjacent parts.

3. Brush holder according to claim 1, wherein the dissipator (26) has a coefficient of expansion greater than that of the seat.

5. Brush holder according to claim 1, wherein the support (4) is moulded onto the dissipator (14, 26).